

**A METHOD AND APPARATUS FOR PROCESSING CALLS IN A CORE  
PACKET NETWORK USING A HALF-CALL MODEL**

**ABSTRACT OF THE DISCLOSURE**

A method and apparatus for processing calls in a core packet network using a half-call model are provided. The invention is directed to the processing of calls within the core packet network of a mobile switching center (MSC) by dividing the call into two half-calls -- an originating half-call and a terminating half-call. This technique allows for flexibility in implementation.